

Message Text

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TO USMISSION OECD PARIS

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C O N F I D E N T I A L STATE 188906

EXCON

E.O. 11652: XGDS-1

TAGS: ESTC, COCOM, GE

SUBJECT: EXPORT OF INTEGRATED CIRCUITS AND CRYSTALS TO THE GDR-

8) 1564 AND IL 1587

REF: BEWT CASE NO. 114700; OC DOC NO. 4267; SUP. 2; LD NO. 2590,

AUG 26, 1974

THE UNITED STATES DELEGATION IS REQUESTED TO SUBMIT THE FOLLOWING
EXCEPTION CASE PURSUANT TO COCOM DOC. REG.(73)3, PARAGRAPH 4(A):

1. THE UNITED STATES AUTHORITES HAVE BEEN ASKED TO APPROVE
THE REEXPORT FROM SWITZERLAND TO THE GERMAN DEMOCRATICE REPUBLIC
OF THE FOLLOWING EQUIPMENT:

8) 1564-\$25,000:

2,100 TYPE MTD-161F INTEGRATED CIRCUITS

2,500 TYPE MTD- 184P INTEGRATED CIRCUITS

IL 158(B)(3) - \$19,000:

2,100 TYPE MTQ-32-2 CRYSTALS

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1,750 TYPE MTQ-327 CRYSTALS

2. THEIS EQUIPMENT IS CONSIGNED TO VEB UHREN UND MASCHINEN-KOMBINAT RUHLA (RUHLA WATCHMAKING TRUST), RUHLA WHERE IT WILL BE USED TO PRODUCE ELECTRONIC QUARTZ WATCHES AND CLOCKS AS A TEST RUN FOR MASS PRODUCTION. THE FINISHED PRODUCTS WILL REMAIN IN THE GDR.

3. THE MTD-161F AND MTD-184P ARE LARGE SCALE IC'S EMPLOYING SILICON GATE COMPLIMENTARY MOS(CMOS) DEVICES FOR LOW COLTAGE OPERATION AND EXTREMELY LOW POWER DISSIPATION. THE 161F CONSISTS OF AN 16-STAGE DIVIDER AND OSCILLATOR SECTION, TWO BUFFERS. THE 184P CONSISTS OF AN OSCILLATOR SECTION, 11 TO 19-STAGE DIVIDER AND BUFFER. THE 161F IS HOUSED IN A CERAMIC PACKAGE; THE 184P IN PLASTIC. THE MTQ-32-2 IS A 32.768 KHZ NT CUT CRYSTAL AND IS COMPATIBLE WITH THE MTD 161F TIMEPIECE IC. THE MTQ-327 8 - 327.680 KHZ DT CUT CRYSTAL. IT WILL PROVIDE A 5 HZ OUTPUT WHEN DIVIDED BY 2/16 AND 10 HZ OUTPUT WHEN DIVIDED BY 2/15. BOTH CRYSTALS ARE SEALED UTILIZING A COLDWELD (THERMOCOMPRESSSION WELDING) SEALING TECHNIQUE. THE MTQ-32-2 IS SMALL ENOUGH TO PASS THROUGH A HOLE WITH A DIAMETER OF LESS THAN .39 INCH.

THE MTQ-32-2/MTD-161F UNITS WILL MAKE UP A WRISTWATCH SYSTEM AND THE MTQ-327/MTD-184P WILL MAKE UP A CLOCK SYSTEM. BROCHURES DESCRIBING THIS EQUIPMENT HAVE BEEN DEPOSITED WITH THE SECRETARIAT.

4. THE UNITED STATES AUTHORITIES CONSIDER THIS EXPORT REASONABLE AND APPROPRIATE FOR THE STATED END USE. THEY WISH TO APPROVE IT UNDER THE PROCEDURE SET FORTH IN COCOM DOC.REG.(73)3, PARAGRAPH 4(A), AND WOULD APPRECIATE THE VIEWS OF MEMBER GOVERNMENTS. FYI-BROCHURES ARE BEING AIR MAILED FROM COMMERCE ON 8/26/74. END FYI. KISSINGER

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